

NEW ARRANGEMENT OF THE VEGETABLE
KINGDOM.

Willkom has given in the *Botanisches Centralblatt* the following as his proposed arrangement :

FIRST KINGDOM, SPOROPHYTA.

Division I. Thallophyta.

Class I. Mycetoideæ; orders, 1 *Myxomycetes* and 2, *fungi*.

Class II. Phycoideæ; orders, 3 *Lichenes*, and 4, *Algæ*.

Division II, Cormophyta

Class III, Protonemaceæ; orders 5, *Hepaticæ* and 6 *Musci*.

Class IV. Prothallionatæ; order 7, *Equisetinæ*, 8, *Lycopodinæ*, and 9 *Filicinæ*.

SECOND KINGDOM, SPERMATOPHYTA.

Division III. Gymnospermæ.

Class V. Pseudocarpæ; orders 10, *Cycadeæ*, *Taxinæ*, 12 *Coniferæ* and 13 *Ambiguæ*.

Class VI. *Acotyledoneæ*; order 14, *Rhizanthææ*.

Class VII. *Monocotyledoneæ*; orders, 15 *Fluviales*, 16 *Spadicifloræ* 17 *Principes*, 18 *Glumaceæ*, 19, *Enantioblastæ*, 20 *Helobiæ*, 21 *Gynandræ*, 22 *Scitamineæ*, 23 *Ensateæ*, 24 *Artorrhizæ*, 25 *Coronariæ*.

Class VIII. *Dicotyledoneæ*, orders from 26 to 71, including each more than the orders of Gray.

THE CHOLERA IN SPAIN.

In connection with this subject there are certain facts of considerable importance from a scientific point of view.

It is well known, that the Cholera, which made such terrible ravages in Western Europe last year, has some time since reappeared in some of the towns of Spain, principally in the province of Valence. As a prophylactic measure against this scourge Dr. Ferran, a distinguished Spanish physician, conceived the idea of inoculations analogous to those used for the prevention of Small Pox. A large number of persons received this anti-cholera